

Declaration and Power of Attorney for Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"Noble Metal Gas Barriers"

the specification of which

(check one)

☒ is attached hereto.
☐ was filed on _____ as United States Application No. or PCT
 Application No. _____
 and was amended on _____
 (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)	<u>Priority Not Claimed</u>
<div style="display: flex; justify-content: space-between; margin-bottom: 10px;"> <div style="width: 30%;">_____ (Number)</div> <div style="width: 30%;">_____ (Country)</div> <div style="width: 30%;">_____ (Day/Month/Year Filed)</div> </div>	[]
<div style="display: flex; justify-content: space-between; margin-bottom: 10px;"> <div style="width: 30%;">_____ (Number)</div> <div style="width: 30%;">_____ (Country)</div> <div style="width: 30%;">_____ (Day/Month/Year Filed)</div> </div>	[]
<div style="display: flex; justify-content: space-between; margin-bottom: 10px;"> <div style="width: 30%;">_____ (Number)</div> <div style="width: 30%;">_____ (Country)</div> <div style="width: 30%;">_____ (Day/Month/Year Filed)</div> </div>	[]

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

_____ (Application Serial No.)	_____ (Filing Date)
_____ (Application Serial No.)	_____ (Filing Date)
_____ (Application Serial No.)	_____ (Filing Date)

I hereby claim the benefit under 35 U.S.C. Section 120 of the United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark office all information known to me to be material to patentability as defined in Title 37, C.F.C., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

10/696,251 _____ (Application Serial No.)	October 29, 2003 _____ (Filing Date)	pending _____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

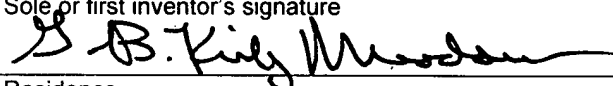
David G. Conlin	Reg. No. 27,026	Peter J. Manso	Reg. No. 32,624
George W. Neuner	Reg. No. 26,964	Howard M. Gitten	Reg. No. 32,138
Linda M. Buckley	Reg. No. 31,003	J. Mark Konieczny	Reg. No. 47,715
Peter J. Manus	Reg. No. 26,766	Jennifer K. Rosenfield	Reg. No. 53,531
Peter F. Corless	Reg. No. 33,860	Gregory B. Butler	Reg. No. 34,558
William J. Daley, Jr.	Reg. No. 35,487	Barry Kramer	Reg. No. 20,622
Christine C. O'Day	Reg. No. 38,256	Scott D. Wofsy	Reg. No. 35,413
Robert L. Buchanan	Reg. No. 40,927	Daniel F. Coughlin	Reg. No. 36,111
David A. Tucker	Reg. No. 27,840	Peter C. Lauro	Reg. No. 32,360
Lisa Swiszc Hazzard	Reg. No. 44,368	George N. Chaclos	Reg. No. 46,608
John B. Alexander	Reg. No. 48,399	Richard H. Newman	Reg. No. 41,222
Steven M. Jensen	Reg. No. 42,693	David J. Silvia	Reg. No. 49,036
Kathryn A. Piffat	Reg. No. 34,901	Marina I. Heusch	Reg. No. 47,647
Richard J. Roos	Reg. No. 45,053	Jeffrey D. Hsi	Reg. No. 40,024
Dianne M. Rees	Reg. No. 45,281	Meghan M. Makary	Reg. No. 51,988
John J. Penny, Jr.	Reg. No. 36,984	Barbara Kitchell	Reg. No. 33,928

Send Correspondence to:

Peter F. Corless
EDWARDS & ANGELL, LLP
P.O. Box 55874
Boston, Massachusetts 02205
USA

Direct Telephone Calls to:
(name and telephone number)

Steven M. Jensen
Telephone: (617) 439-4444
Facsimile: (617) 439-4170

Full name of sole or first inventor G.B. Kirby Meacham	
Sole or first inventor's signature 	Date: 08.10.04
Residence 18560 Parkland Drive, Shaker Heights, OH 44122	
Citizenship USA	
Post Office Address Same as above	